

IN THE CLAIMS

Please amend the claims as follows:

1. (Currently Amended) A well plate seal for a multi well filtration/extraction plate, the plate having a plurality of depending plate wells with exit ports, said well plate seal comprising:
a matt having a plurality of paced apart matt wells for engaging and sealing a plurality of exit ports in a multi well filtration/extraction plate, each matt well having a size and shape abutting a corresponding plate well size and shape; and
a pressure sensitive unidirectional flow contact valve disposed in each of the plurality of matt wells ~~for enabling liquid flow out of each exit port upon application of a pressure differential across each exit port.~~
2. (Currently Amended) The well plate seal according to claim 1 wherein said matt is flexible ~~for facilitating removable engagement with the filtration/extraction plate exit ports.~~
3. (Original) The well plate seal according to claim 2 wherein said matt and plurality of valves are integrally molded.
4. (Original) The well plate seal according to claim 3 wherein each of the plurality of valves comprise a duck-billed valve.
5. (Original) The well plate seal according to claim 4 wherein said matt includes 96 wells spaced apart in a rectangular pattern.
6. (Currently Amended) The well plate seal according to claim 5 wherein each matt well includes tapered sidewalls ~~for facilitating placement of said well plate seal onto extraction plate and sealing each of the exit ports.~~

Claims 7-19 (Cancelled)

20. (Currently Amended) Well plate seal apparatus comprising:

an extraction plate including multiple separation plate wells for receiving and filtering a biological fluid sample, each well having an exit port;

a matt having a plurality of spaced apart matt wells ~~for engaging, each spaced apart well engaging and sealing, each matt well having a size and shape abutting to a corresponding plate well and exit port size and shape;~~ and

a pressure sensitive unidirectional flow contact valve disposed in each of the plurality of matt wells ~~for enabling liquid flow out of each port only upon application of a pressure differential across each exit port.~~

21. (Currently Amended) The well plate seal according to claim 20 wherein said matt is flexible ~~for facilitating removal engagement with the filtration/extraction plate exit ports.~~

22. (Previously Presented) The well plate seal according to claim 21 wherein said matt and plurality of valves are integrally molded.

23. (Previously Presented) The well plate seal according to claim 22 wherein each of the plurality of valves comprise a duck-billed valve.

24. (Previously Presented) The well plate seal according to claim 23 wherein said matt includes 96 wells spaced apart in a rectangular pattern.

25. (Currently Amended) The well plate seal according to claim 24 wherein each matt well includes tapered sidewalls ~~for facilitating placement of said well plate seal onto extraction plate and sealing of the exit ports.~~